

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---------------------------|------------------|
| 1 | 1 | ("20020072816") or ("20040037433") or ("20020152223") or ("6466832").PN. | USPAT | 2004/06/16 10:23 |
| 2 | 4 | ("20020072816") or ("20040037433") or ("20020152223") or ("6466832").PN. | USPAT; US-PGPUB | 2004/06/16 10:23 |
| - | 4 | 381/111.ccls. and wireless SAME (loudspeaker or speaker) | USPAT | 2004/06/14 10:37 |
| - | 4 | 381/116-117.ccls. and wireless SAME (loudspeaker or speaker) | USPAT | 2004/06/10 09:27 |
| - | 2 | 381/59.ccls. and wireless SAME (loudspeaker or speaker) | USPAT | 2004/06/10 09:28 |
| - | 10 | 381/2.ccls. and wireless SAME (loudspeaker or speaker) | USPAT | 2004/06/10 09:33 |
| - | 3 | 381/300.ccls. and wireless SAME (loudspeaker or speaker) | USPAT | 2004/06/10 09:35 |
| - | 188 | 381/\$.ccls. and wireless SAME (loudspeaker or speaker) | USPAT | 2004/06/10 09:35 |
| - | 129 | 381/\$.ccls. and wireless WITH (loudspeaker or speaker) | USPAT | 2004/06/10 09:36 |
| - | 6 | 381/\$.ccls. and wireless WITH (loudspeaker or speaker) SAME transceiver | USPAT | 2004/06/10 09:38 |
| - | 7 | 381/\$.ccls. and wireless WITH (loudspeaker or speaker or headphone or headsets or earphones) SAME transceiver | USPAT | 2004/06/10 09:41 |
| - | 3 | 700/94.ccls. and wireless WITH (loudspeaker or speaker or headphone or headsets or earphones) | USPAT | 2004/06/10 09:43 |
| - | 1 | 700/94.ccls. and wireless WITH (loudspeaker or speaker) | USPAT | 2004/06/10 09:43 |
| - | 182 | wireless WITH (loudspeaker or speaker) SAME (computer or television) | USPAT | 2004/06/10 09:43 |
| - | 12 | 381/77.ccls. and wireless SAME (loudspeaker or speaker) | USPAT | 2004/06/13 14:13 |
| - | 5 | 381/80.ccls. and wireless SAME (loudspeaker or speaker) | USPAT | 2004/06/13 14:13 |
| - | 5 | 381/80.ccls. and wireless SAME (loudspeaker or speaker) | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:14 |
| - | 31 | 381/77.ccls. and wireless SAME (loudspeaker or speaker) | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:25 |
| - | 22 | 700/94.ccls. and wireless SAME (loudspeaker or speaker) | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:30 |
| - | 8 | 381/111.ccls. and wireless SAME (loudspeaker or speaker) | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:31 |
| - | 0 | 381/111.ccls. and IEEE adj3 802.11b SAME network\$3 adj3 standard | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:31 |
| - | 2 | 381/\$.ccls. and IEEE adj3 802.11b SAME network\$3 adj3 standard | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:31 |
| - | 65 | IEEE adj3 802.11b SAME network\$3 adj3 standard | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:32 |
| - | 1 | 709/217-219.ccls. and IEEE adj3 802.11b SAME network\$3 adj3 standard | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:32 |
| - | 6 | IEEE adj3 802.11b SAME network\$3 adj3 standard SAME (DSSS or direct adj3 sequence adj3 spread adj3 spectrum) | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:36 |
| - | 86 | IEEE adj3 802.11b SAME (DSSS or direct adj3 sequence adj3 spread adj3 spectrum) | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:36 |
| - | 22 | IEEE adj3 802.11b WITH (DSSS or direct adj3 sequence adj3 spread adj3 spectrum) WITH wireless | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:38 |
| - | 12 | IEEE adj3 802.11b WITH (DSSS or direct adj3 sequence adj3 spread adj3 spectrum) SAME protocol | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:50 |
| - | 182 | IEEE adj3 802.11b WITH protocol | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:39 |
| - | 156 | IEEE adj3 802.11b WITH protocol SAME wireless | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:39 |

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|---|-----|--|---------------------------|------------------|
| - | 124 | IEEE adj3 802.11b WITH protocol WITH wireless | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:39 |
| - | 25 | 455/\$.ccls. and IEEE adj3 802.11b WITH protocol WITH wireless | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:41 |
| - | 3 | 700/94.ccls. and IEEE adj3 802.11b WITH protocol WITH wireless | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:43 |
| - | 4 | 381/\$.ccls. and IEEE adj3 802.11b WITH protocol WITH wireless | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:43 |
| - | 1 | 381/\$.ccls. and IEEE adj3 802.11b WITH (DSSS or direct adj3 sequence adj3 spread adj3 spectrum) SAME protocol | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:52 |
| - | 1 | 381/\$.ccls. and wireless adj3 transmission SAME sound adj3 card | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:57 |
| - | 7 | wireless adj3 transmission SAME sound adj3 card SAME computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 14:59 |
| - | 131 | wireless SAME sound adj3 card SAME computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:06 |
| - | 1 | 709/217-219.ccls. and wireless SAME sound adj3 card SAME computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 15:00 |
| - | 0 | 709/217-219.ccls. and wireless SAME sound adj3 chip SAME computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 15:03 |
| - | 6 | 709/217-219.ccls. and sound adj3 chip SAME computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 15:01 |
| - | 6 | wireless SAME sound adj3 chip | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 15:15 |
| - | 27 | wireless adj3 (speaker or loudspeaker) SAME computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 15:07 |
| - | 180 | wireless SAME sound adj3 card | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 15:15 |
| - | 131 | wireless SAME sound adj3 card SAME computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 15:16 |
| - | 3 | 700/94.ccls. and wireless SAME sound adj3 card SAME computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 15:15 |
| - | 21 | wireless WITH sound adj3 card WITH computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 10:59 |
| - | 0 | 381/\$.ccls. and wireless adj3(transmission or communication) SAME ((A-to-D or AD) or (analog adj3 digital) adj3 conver\$3) SAME power adj3 amplifier | USPAT; US-PGPUB; EPO; JPO | 2004/06/13 15:44 |
| - | 39 | 381/\$.ccls. and ((A-to-D or AD) or (analog adj3 digital) adj3 conver\$3) SAME power adj3 amplifier | USPAT | 2004/06/13 15:48 |
| - | 19 | 381/\$.ccls. and ((A-to-D or AD) or (analog adj3 digital) adj3 conver\$3) WITH power adj3 amplifier | USPAT | 2004/06/13 15:44 |
| - | 1 | 700/94.ccls. and ((A-to-D or AD) or (analog adj3 digital) adj3 conver\$3) SAME power adj3 amplifier | USPAT | 2004/06/13 15:47 |
| - | 48 | 381/\$.ccls. and ((A-to-D or AD) or (analog adj3 digital) adj3 conver\$3) SAME power adj3 amplifier | USPAT; US-PGPUB | 2004/06/13 15:49 |
| - | 242 | 455/\$.ccls. and ((A-to-D or AD) or (analog adj3 digital) adj3 conver\$3) SAME power adj3 amplifier | USPAT; US-PGPUB | 2004/06/13 15:50 |

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| | | 21 | 455/\$.ccls. and wireless SAME ((A-to-D or AD) or (analog adj3 digital) adj3 conver\$3) WITH power adj3 amplifier | USPAT; US-PGPUB | 2004/06/13 15:51 |
| | | 0 | 330/\$.ccls. and wireless SAME ((A-to-D or AD) or (analog adj3 digital) adj3 conver\$3) WITH power adj3 amplifier | USPAT; US-PGPUB | 2004/06/13 15:51 |
| | | 5 | 381/99.ccls. and wireless SAME (loudspeaker or speaker) | USPAT; US-PGPUB | 2004/06/14 10:43 |
| | | 1 | 381/99.ccls. and amplifiers SAME ((A-to-D or analog adj3 digital) adj3 converter) SAME (loudspeaker or speaker) | USPAT; US-PGPUB | 2004/06/14 10:40 |
| | 2461694 | 381/99.ccls. and multi-frequency adj\$ (loudspeaker or speaker) | USPAT; US-PGPUB | 2004/06/14 10:44 | |
| | | 1 | 381/\$.ccls. and wireless SAME (sound adj3 card or sound adj3 chip) SAME (speaker or loudspeaker) | USPAT; US-PGPUB | 2004/06/15 10:42 |
| | | 43 | wireless SAME (sound adj3 card or sound adj3 chip) SAME (speaker or loudspeaker) | USPAT; US-PGPUB | 2004/06/15 10:42 |
| | | 8 | 381/\$.ccls. and wireless adj3(transmission or communication) SAME ((A-to-D or AD) or (analog adj3 digital) adj3 conver\$3) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 10:58 |
| | | 58 | wireless SAME sound adj3 card SAME computer SAME interface | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:08 |
| | | 3 | wireless WITH sound adj3 card WITH computer WITH interface | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:07 |
| | | 2 | 381/\$.ccls. and wireless SAME sound adj3 card SAME computer SAME interface | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:09 |
| | | 2 | 700/94.ccls. and wireless SAME sound adj3 card SAME computer SAME interface | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:09 |
| | | 2 | 375/\$.ccls. and wireless SAME sound adj3 card SAME computer SAME interface | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:10 |
| | | 81 | wireless SAME sound adj3 card SAME interface | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:10 |
| | | 2 | 700/94.ccls. and wireless SAME sound adj3 card SAME interface | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:10 |
| | | 0 | 709/217-219.ccls. and wireless SAME sound adj3 card SAME interface | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:10 |
| | | 4 | 455/\$.ccls. and wireless SAME sound adj3 card SAME interface | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:11 |
| | | 8 | wireless WITH sound adj3 card WITH interface | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:13 |
| | | 362 | sound adj3 card WITH interface WITH computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 12:13 |
| | | 7 | 700/94.ccls. and sound adj3 card WITH interface WITH computer | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 13:11 |
| | | 16 | "5406634" | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 15:56 |
| | | 178 | 381/\$.ccls. and sound adj3 card SAME sound adj3 card | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 15:57 |
| | | 9 | 381/300.ccls. and sound adj3 card SAME sound adj3 card | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 15:59 |
| | | 8 | 381/\$.ccls. and sound adj3 card SAME sound adj3 chip | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 16:04 |

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|---|------|---|---------------------------|------------------|
| - | 12 | 700/94\$.ccls. and sound adj3 card SAME (sound adj3 chip or audio adj3 chip) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 16:04 |
| - | 12 | 700/94.ccls. and sound adj3 card SAME (sound adj3 chip or audio adj3 chip) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 16:06 |
| - | 4 | 709/217-219.ccls. and sound adj3 card SAME (sound adj3 chip or audio adj3 chip) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 16:07 |
| - | 29 | computer SAME sound adj3 card SAME (sound adj3 chip or audio adj3 chip) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 16:07 |
| - | 13 | computer WITH sound adj3 card WITH (sound adj3 chip or audio adj3 chip) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 17:15 |
| - | 0 | 381/300-307.ccls. and sound adj3 card WITH (sound adj3 chip or audio adj3 chip) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 17:16 |
| - | 1418 | 381/300-307.ccls. and sound adj3 card or (sound adj3 chip or audio adj3 chip) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 17:16 |
| - | 1407 | 381/300.ccls. and sound adj3 card or (sound adj3 chip or audio adj3 chip) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 17:16 |
| - | 9 | 381/300.ccls. and sound adj3 card | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 17:22 |
| - | 4 | 381/307.ccls. and sound adj3 card | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 17:31 |
| - | 52 | 700/94.ccls. and sound adj3 card | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 17:20 |
| - | 178 | 381/\$.ccls. and sound adj3 card | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 17:31 |
| - | 73 | 381/\$.ccls. and sound adj3 card SAME (loudspeaker or speaker) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 17:33 |
| - | 51 | 381/\$.ccls. and sound adj3 card WITH (loudspeaker or speaker) | USPAT; US-PGPUB; EPO; JPO | 2004/06/15 17:33 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--|---|--------------------|------------------|
| - | 25 | 381/79.ccls. and wireless | USPAT | 2004/03/03 15:55 |
| - | 25 | 381/79.ccls. and wireless | USPAT | 2004/02/05 10:25 |
| - | 6 | 381/300.ccls. and wireless | USPAT | 2004/02/05 10:27 |
| - | 34 | 381/2-13.ccls. and wireless | USPAT | 2004/02/05 10:27 |
| - | 40 | 381/2-16.ccls. and wireless | USPAT | 2004/02/05 10:31 |
| - | 74 | 381/79.ccls. | USPAT | 2004/02/05 10:31 |
| - | 0 | 381/79.ccls. and transceiver SAME multiplex\$3 | USPAT | 2004/02/05 10:32 |
| - | 1 | 381/2-16.ccls. and transceiver SAME multiplex\$3 | USPAT | 2004/02/05 10:33 |
| - | 1 | 700/94.ccls. and transceiver SAME multiplex\$3 | USPAT | 2004/02/05 10:34 |
| - | 7 | 700/94.ccls. and wireless SAME audio | USPAT | 2004/02/05 10:38 |
| - | 16 | 700/94.ccls. and sound adj3 card | USPAT | 2004/02/05 10:46 |
| - | 10 | 700/94.ccls. and sound adj3 card SAME computer | USPAT | 2004/02/05 10:47 |
| - | 0 | 381/79.ccls. and sound adj3 card SAME computer | USPAT | 2004/02/05 10:47 |
| - | 85 | 381/\$.ccls. and sound adj3 card SAME computer | USPAT | 2004/02/05 10:47 |
| - | 64 | 381/\$.ccls. and sound adj3 card WITH computer | USPAT | 2004/02/05 10:47 |
| - | 19 | 381/\$.ccls. and sound adj3 card WITH computer SAME (speakers or loudspeaker) | USPAT | 2004/02/05 10:49 |
| - | 172 | 381/\$.ccls. and wireless SAME (loudspeaker or speaker) | USPAT | 2004/02/07 15:00 |
| - | 9 | 381/\$.ccls. and wireless WITH (loudspeaker or speaker) SAME computer | USPAT | 2004/02/07 15:02 |
| - | 31 | 381/\$.ccls. and wireless adj3 (loudspeaker or speaker) | USPAT | 2004/02/07 15:05 |
| - | 41 | 381/\$.ccls. and wireless SAME transceiver | USPAT | 2004/02/07 15:09 |
| - | 2 | 381/\$.ccls. and wireless SAME sound adj3 card | USPAT | 2004/02/07 15:08 |
| - | 15 | 381/\$.ccls. and wireless SAME transceiver SAME (loudspeaker or speaker) | USPAT | 2004/02/07 15:10 |
| - | 0 | 700/94.ccls. and wireless SAME transceiver SAME (loudspeaker or speaker) | USPAT | 2004/02/07 15:11 |
| - | 2 | 700/94.ccls. and wireless SAME (loudspeaker or speaker) | USPAT | 2004/02/07 15:10 |
| - | 0 | 700/94.ccls. and transceiver SAME (loudspeaker or speaker) | USPAT | 2004/02/07 15:11 |
| 1018 | 455/\$.ccls. and transceiver SAME (loudspeaker or speaker) | USPAT | 2004/02/07 15:11 | |
| - | 74 | 455/\$.ccls. and transceiver WITH (loudspeaker or speaker) SAME wireless | USPAT | 2004/02/07 15:12 |
| - | 44 | 455/\$.ccls. and transceiver WITH (loudspeaker or speaker) WITH wireless | USPAT | 2004/02/07 15:13 |
| - | 378 | 381/300-307.ccls. andmultiplex\$3 | USPAT | 2004/02/07 15:14 |
| - | 0 | 381/300-307.ccls. and multiplex\$3 SAME transceiver | USPAT | 2004/02/07 15:15 |
| - | 1 | 381/2-13.ccls. and multiplex\$3 SAME transceiver | USPAT | 2004/02/07 15:15 |
| - | 1 | 381/2-3.ccls. and multiplex\$3 SAME transceiver | USPAT | 2004/02/07 15:15 |
| - | 133 | 381/2-3.ccls. and multiplex\$3 | USPAT | 2004/02/07 15:15 |
| - | 7 | 381/2-3.ccls. and multiplex\$3 SAME speaker | USPAT | 2004/02/07 15:17 |
| - | 110 | 381/\$.ccls. and sound adj3 card | USPAT | 2004/02/07 15:17 |
| - | 31 | 381/\$.ccls. and sound adj3 card SAME interface | USPAT | 2004/02/07 15:20 |
| - | 0 | 381/\$.ccls. and sound adj3 card SAME transceiver | USPAT | 2004/02/07 15:20 |
| - | 0 | 381/311.ccls. and (headphone or headset) SAME transceiver | USPAT | 2004/02/07 15:21 |
| - | 22 | 381/\$.ccls. and (headphone or headset) SAME transceiver | USPAT | 2004/02/07 15:21 |
| - | 46 | wireless SAME ((sound adj3 card) or (audio adj3 card) or (sound adj3 chip)) SAME computer | USPAT | 2004/03/03 16:14 |
| - | 34 | transceiver SAME wireless SAME speakers | USPAT | 2004/03/03 16:16 |
| - | 110 | transceiver SAME wireless SAME speakers | USPAT; US-PGPUB | 2004/03/03 16:16 |
| - | 32 | transceiver WITH wireless WITH speakers | USPAT; US-PGPUB | 2004/03/03 16:34 |
| - | 61 | 381/\$.ccls. and wireless WITH speakers | USPAT; US-PGPUB | 2004/03/03 16:34 |